

CORNELL PUMP COMPANY

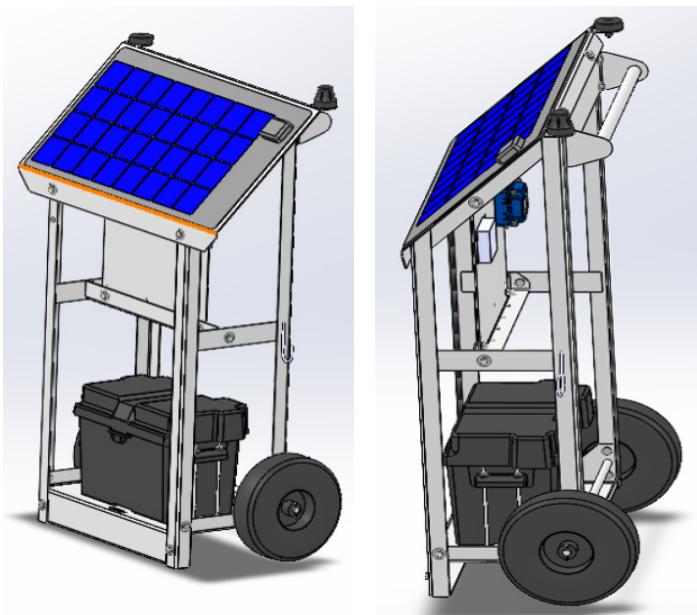
CO-PILOT™ FLEX

MOBILE MONITORING



CORNELL
Co-Pilot™
FLEX SOLAR UNIT

CO-PILOT™ FLEX



CO-PILOT FLEX

FRAME	POWDER COATED STEEL
VOLTAGE	BATTERY or 12-24 VDC
SOLAR PANEL	RUGGED, 40 W
CHARGE CONTROLLER	OPTIMIZED 12V
CO-PILOT MODULE	4 ANALOG, 1 DIGITAL INPUTS
MODBUS	RS-485
CONNECTIVITY	CELLULAR AND GPS
DIMENSIONS	H 48" W 32" D 16"

COMMON APPLICATIONS

SEWER BYPASS
TANK LEVEL
FLOW RATE & ACCUMULATION
WATER TRANSFER

ABOUT CO-PILOT FLEX

Easily transport the Co-Pilot Flex to an on-the-spot location where remote monitoring is needed. Retrieve your application data via cell service through our RPM² portal to manage and maintain project parameters, attributes and alerting. Available on iOS/Android app or web browser.

FEATURES

On-The-Spot mobile monitoring
Easy to transport
Multi application use
Self-Sustaining unit

CO-PILOT SPECIFICATIONS

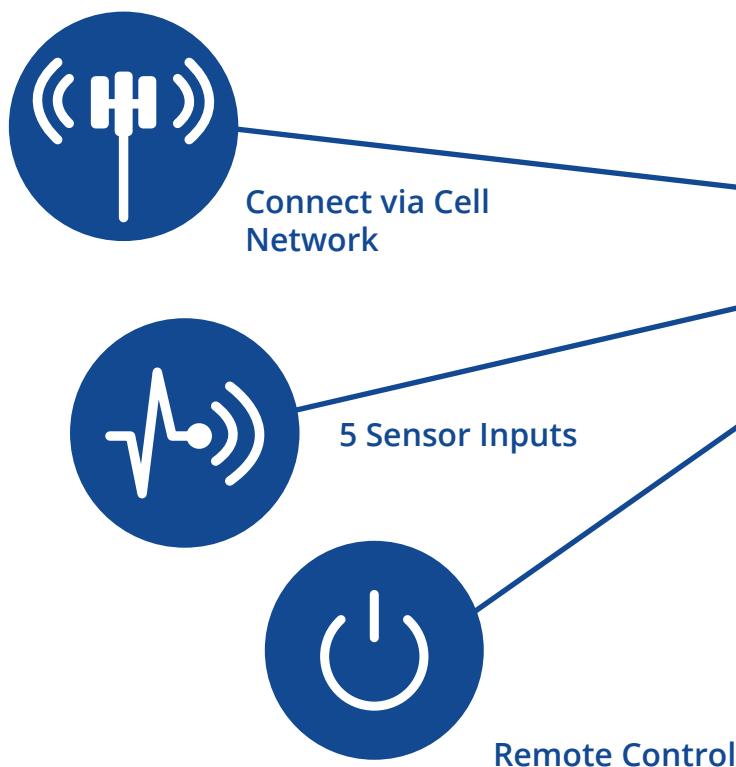
4 Analog Inputs
1 Digital Input
4G LTE on National & International Networks
Web browser or iOS/Android apps
See Co-Pilot Brochure for further monitoring information

ELECTRICAL SPECIFICATIONS

Standard 12 VDC car battery
40 W solar panel
Optimized charge controller

CORNELL 
Co·Pilot™

To learn more about Co-Pilot's monitoring capabilities, visit co-pilot.cornellpump.com or contact iotsales@cornellpump.com.



CORNELL Co-Pilot™

THE POWER OF IOT

Cornell Co-Pilot is a telematics monitoring system that mounts on your pump and is externally powered by 12-24 VDC via battery or wired connection. Co-Pilot harnesses the power of IoT (Internet of Things) by delivering you the control and data you need to maximize your pump's efficiency, compare data across multiple pumps, and manage maintenance all from your phone, tablet, or PC. We at Cornell pride ourselves in providing quality, user-friendly pump monitoring solutions that reflect our dedication to cutting-edge design and meeting customer needs.

USE THE CO-PILOT TO:

- Plan maintenance
- Check operation with real-time pump data, and monitor performance degradation and critical conditions.
- Get alerts from out-of-condition operation
- Reduce manual inspections
- Reduce warranty claims
- Improve efficiency
- Compare data across multiple pumps
- Better asset management
- Cloud monitor single and multiple pumps

MONITORING AT YOUR FINGER TIPS

Easily monitor your pump's performance and get remote control through your PC and mobile apps available for iOS and Android. Receive alerts for out-of-condition parameters and view the GPS location of the pump(s). Set up user accounts for employees and end users in one convenient platform.

CORNELL CO-PILOT ALLOWS YOU TO:

- GPS location and history
- Flow rate & accumulation with compatible flow meter
- Suction & discharge pressure
- Radial & axial vibration
- Temperature
- Remote start/stop and adjust RPM
- Engine/Motor data
- Operation hours
- Fluid levels

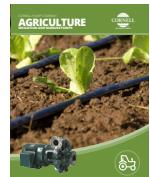
*Requires external sensors; contact Cornell for details.

PART OF RPM² ASSET
MANAGEMENT SYSTEM

RPM²
REMOTE

CORNELL PUMP COMPANY

MARKET & PRODUCT LINE



AGRICULTURE



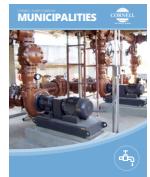
FOOD PROCESS



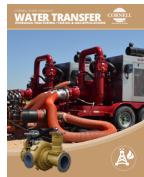
INDUSTRIAL



MINING



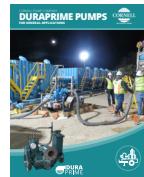
MUNICIPAL



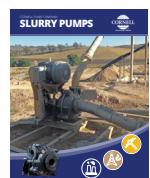
WATER TRANSFER



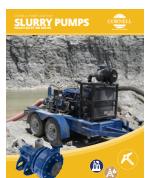
REFRIGERATION



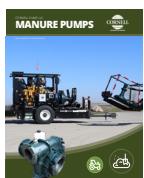
CONSTRUCTION



SLURRY



SLURRY SM



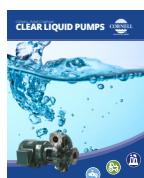
MANURE



CUTTERS



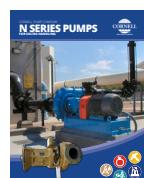
SELF PRIMING



CLEAR LIQUIDS



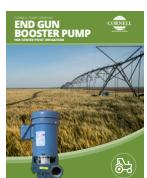
MX SERIES



N SERIES



Z-SERIES



EDGE™



HYDRAULIC SUBS



IMMERSIBLE



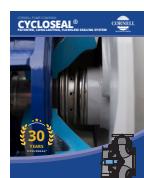
CD4MCU



RUN-DRY™



PRIMING SYSTEMS



CYCLOSEAL®

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Cornell pumps and products are the subject of one or more of the following U.S. and foreign patents:

6,074,554; 6,036,434; 6,079,958; 6,309,169; 6,104,949; 12,270,421 B2

SEE ALL LITERATURE AT CORNELLPUMP.COM/DOCUMENT-LIBRARY

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Cornell Pump Company
Clackamas, Oregon, USA
P: +1 (503) 653-0330
F: +1 (503) 653-0338